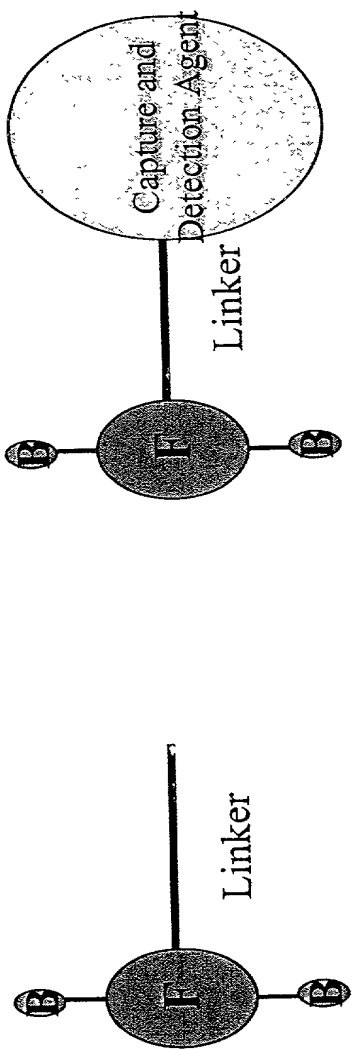
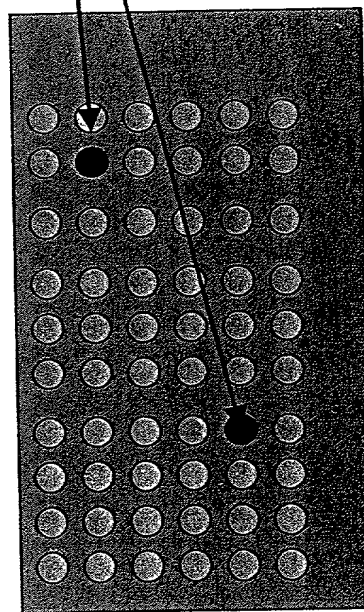


High-throughput Target ID



Library of Bioactive Compounds

Library of Target ID Compounds



Use corresponding activity-based probe to identify the biological target

FIGURE 1

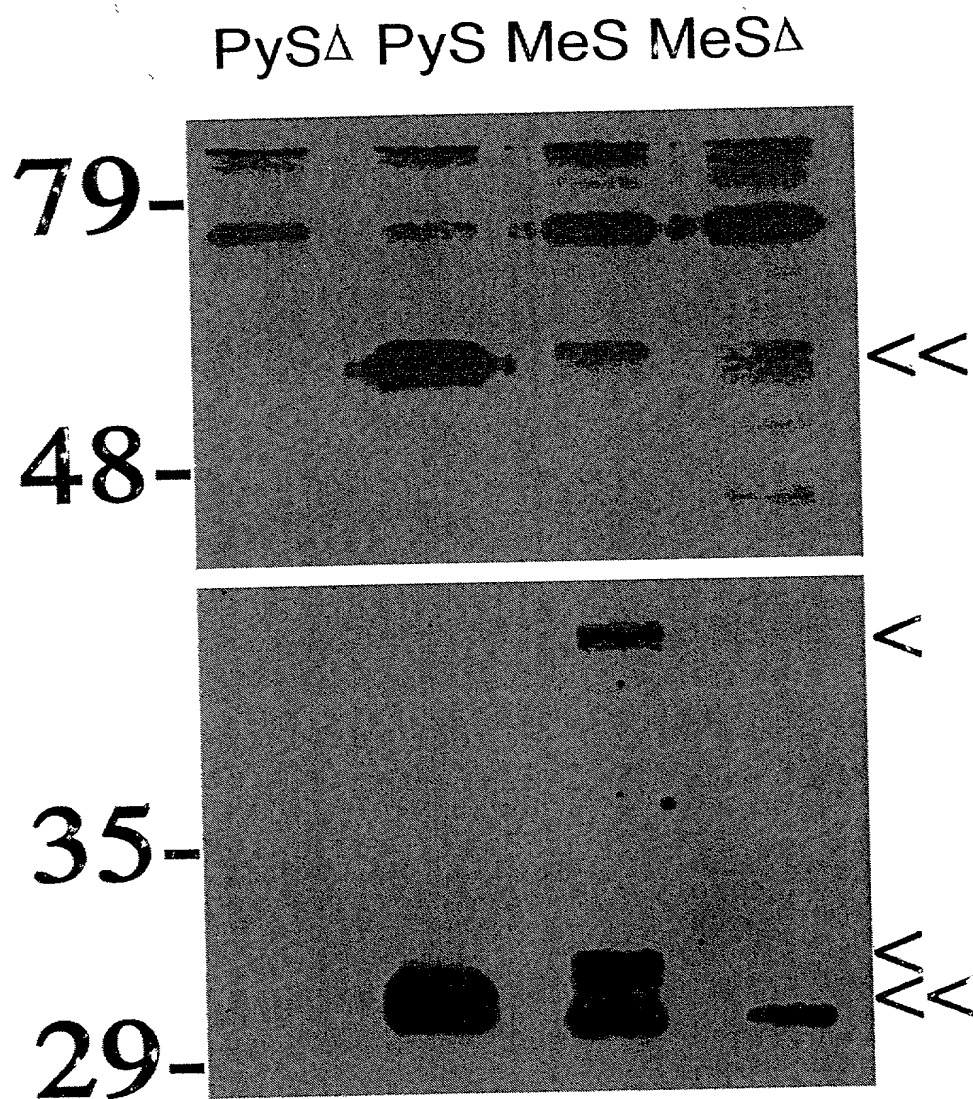
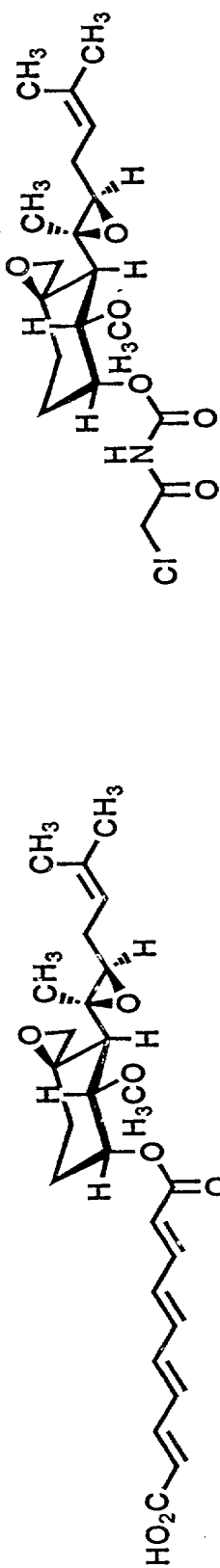


FIGURE 2

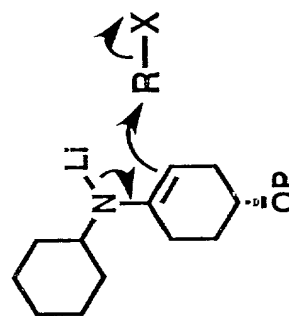
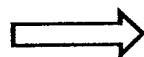
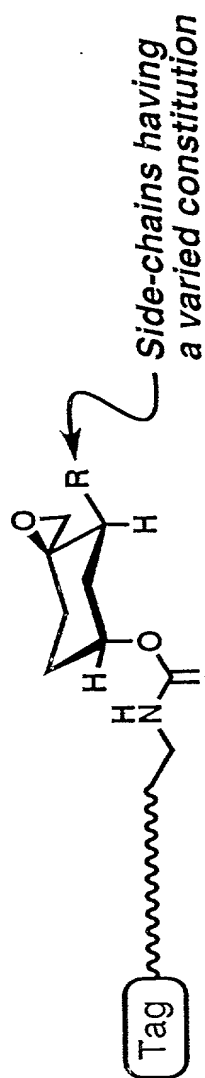


FIGURE 3



TNP-470

Fumagillin



X = halide
R = various aliphatic, alicyclic, alkyl aryl, or
alkyl heteroaryl groups
P = unspecified protecting group

FIGURE 4A

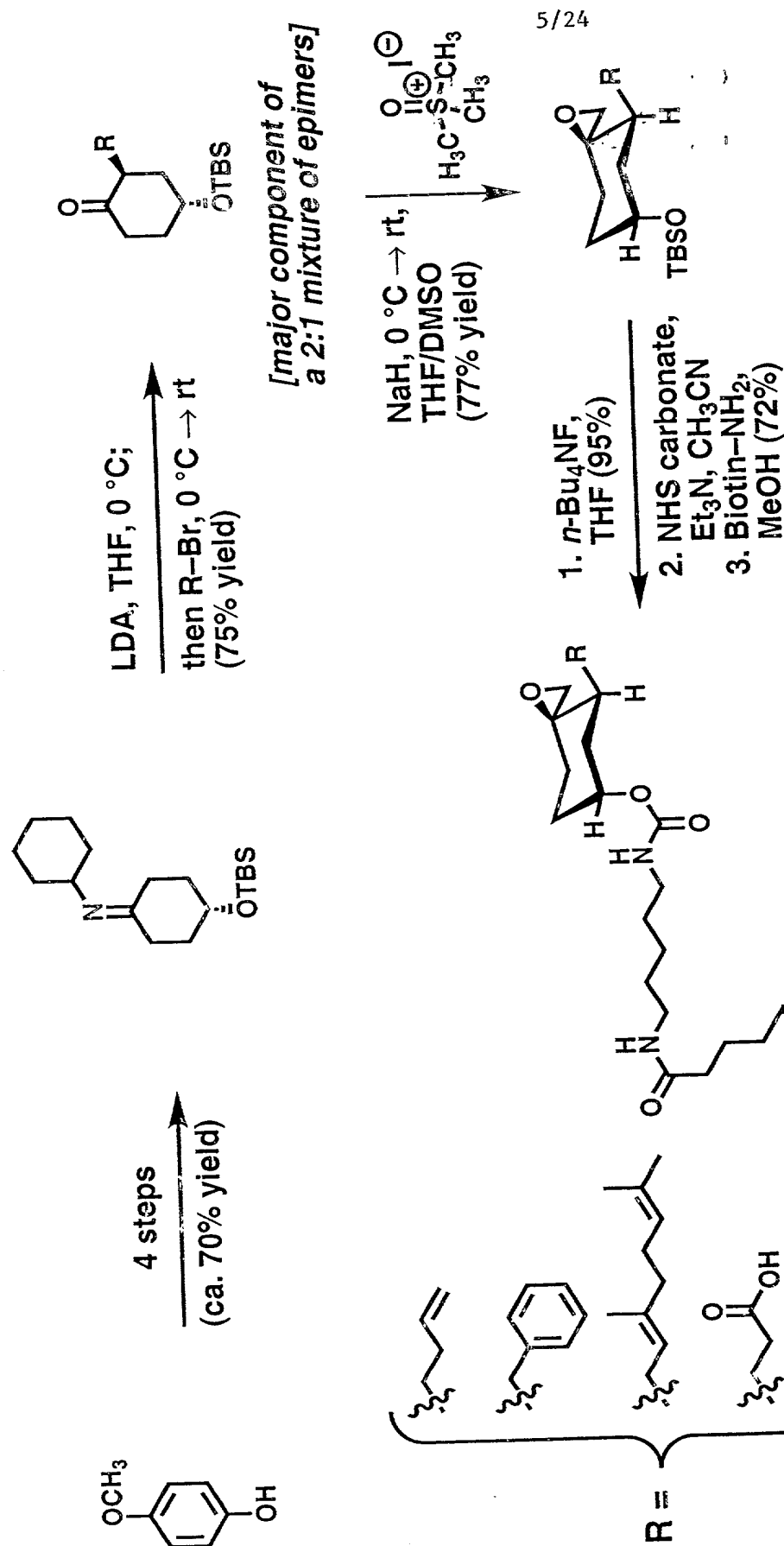


FIGURE 4B

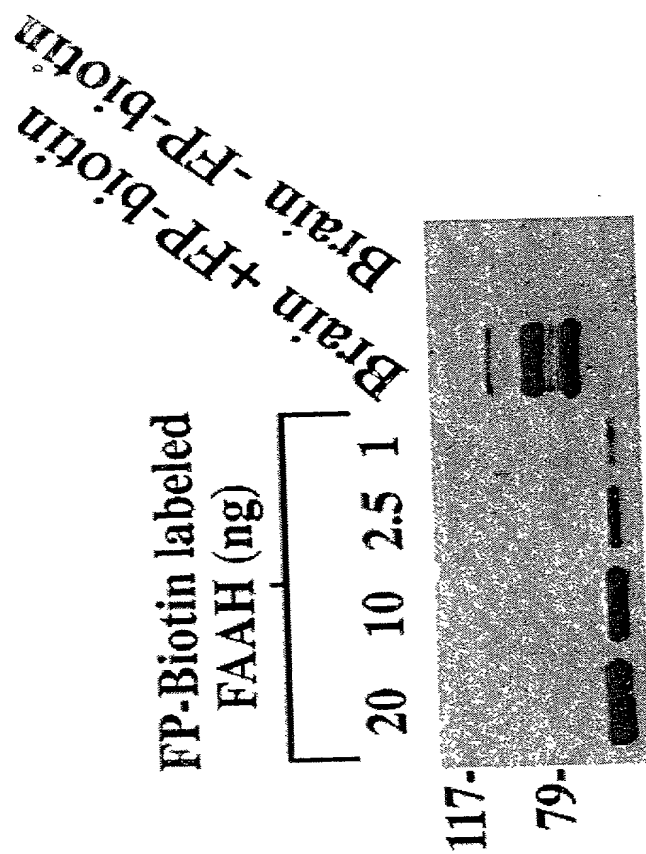
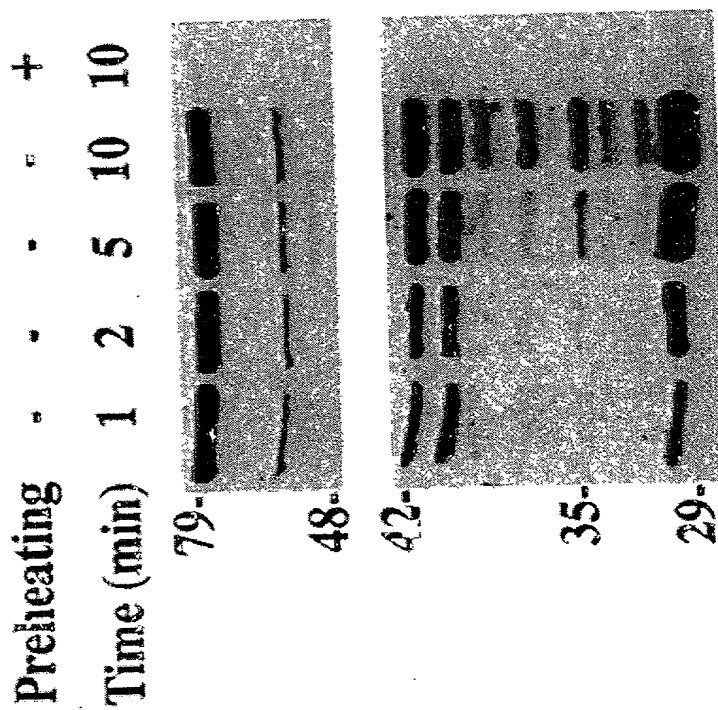


FIGURE 5



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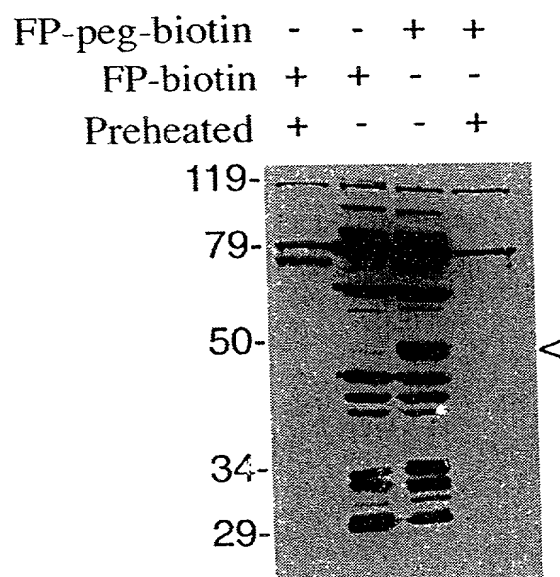
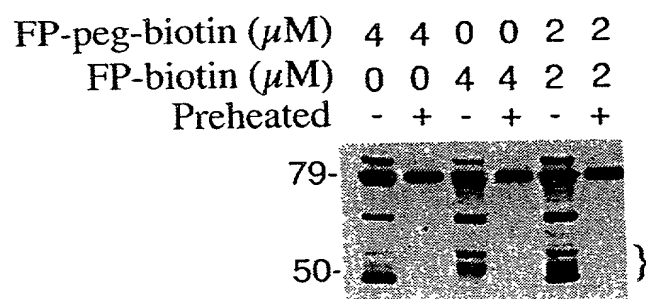


FIGURE 6

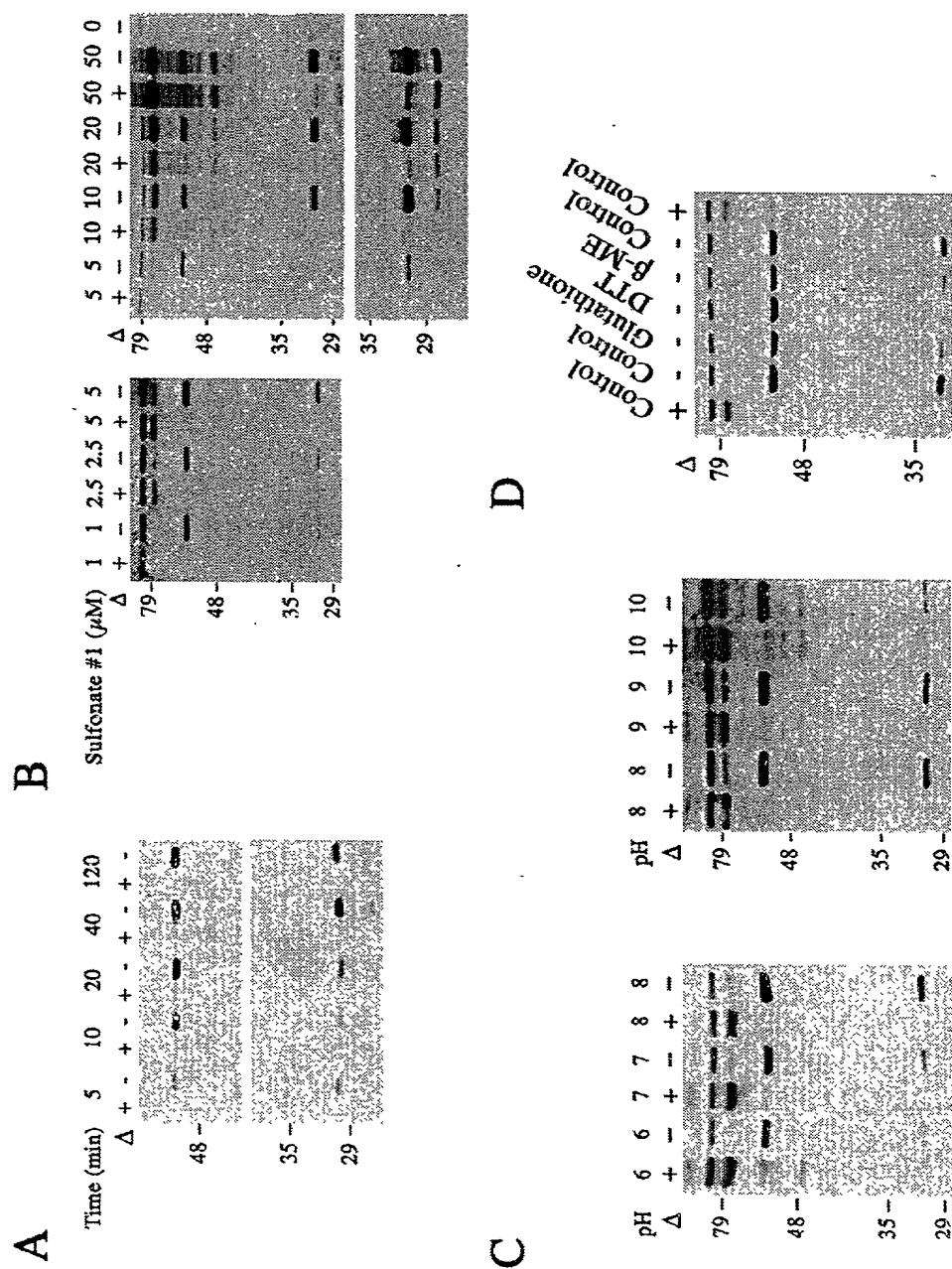


FIGURE 7



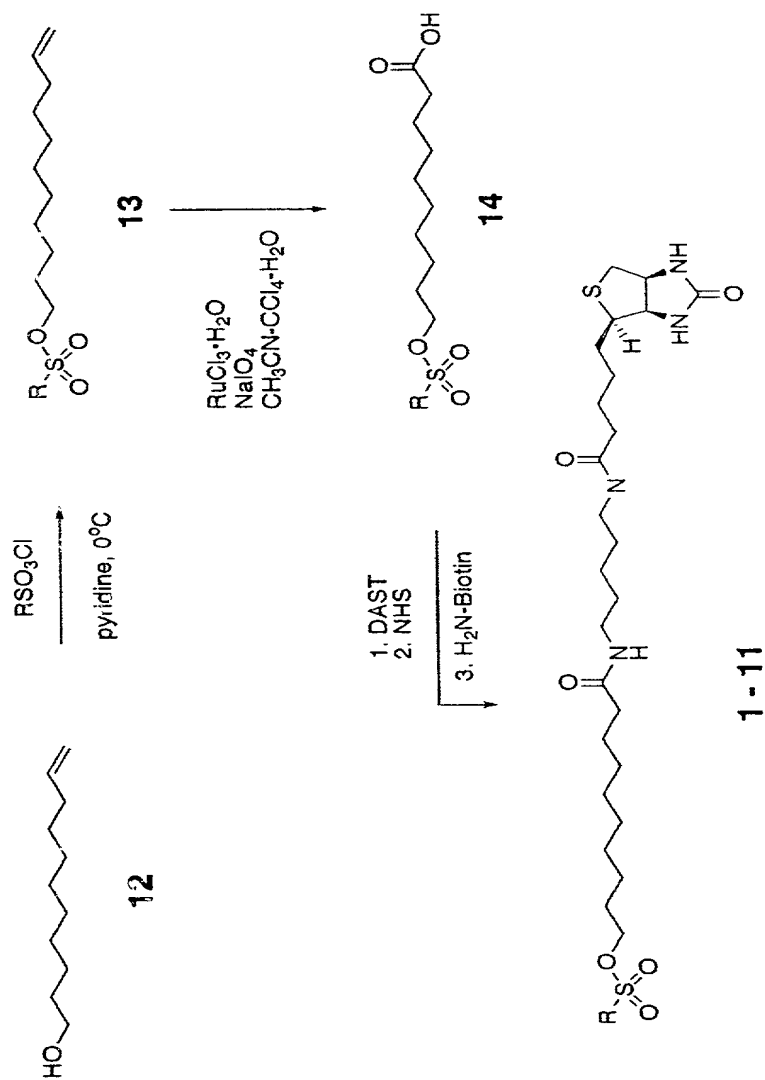
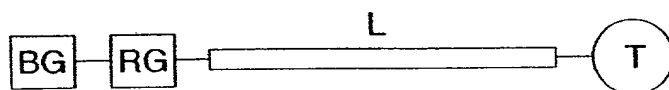


FIGURE 9

A.



B.

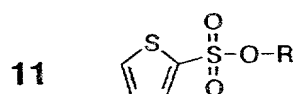
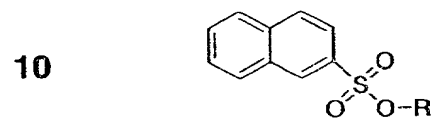
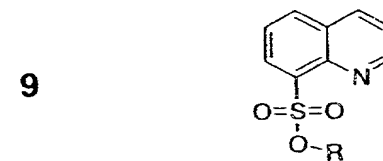
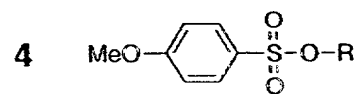
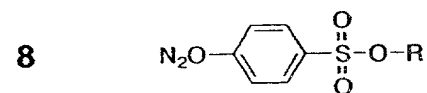
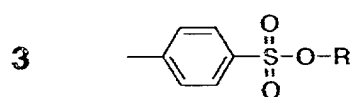
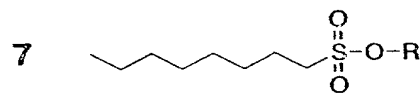
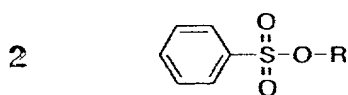
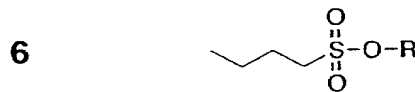
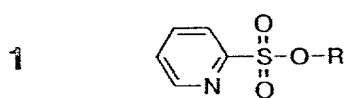
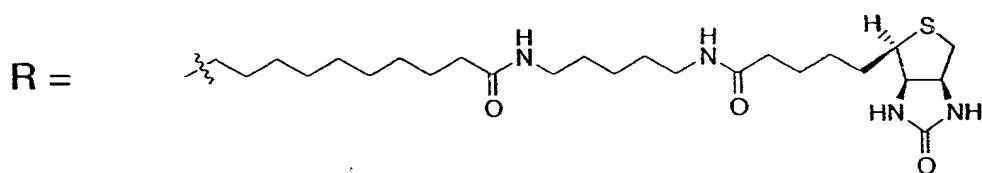
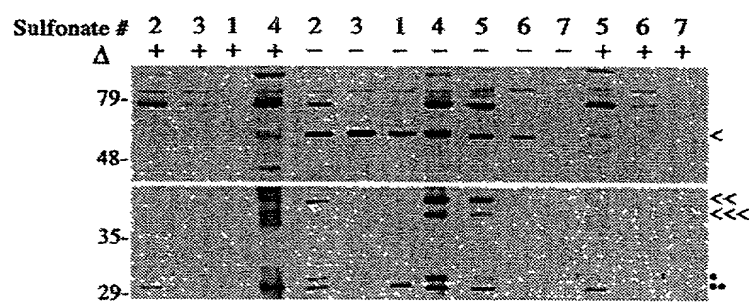
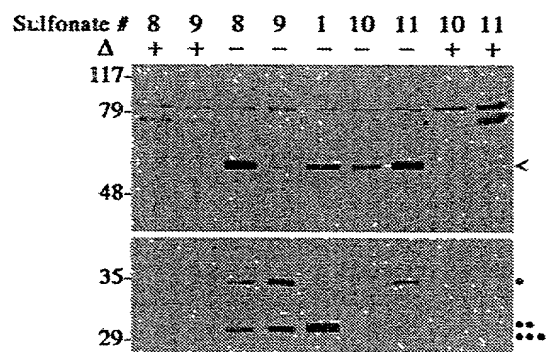


FIGURE 10

A**B****FIGURE 11**

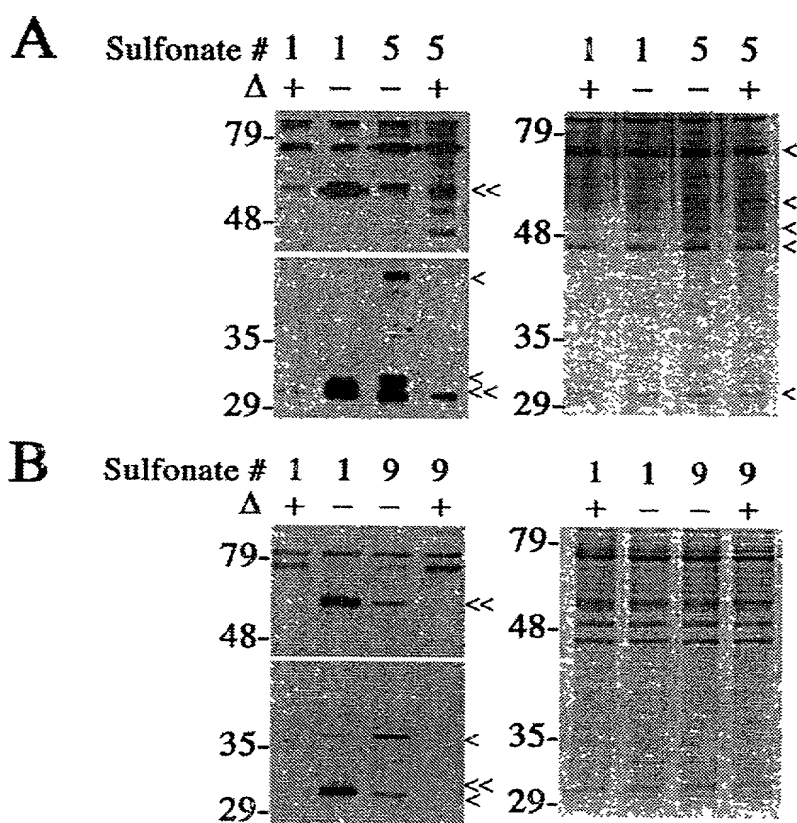


FIGURE 12

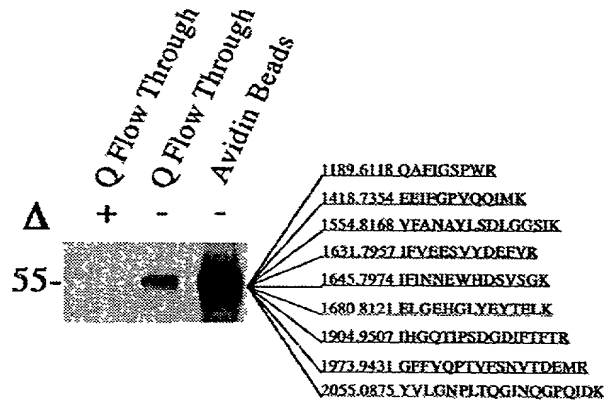
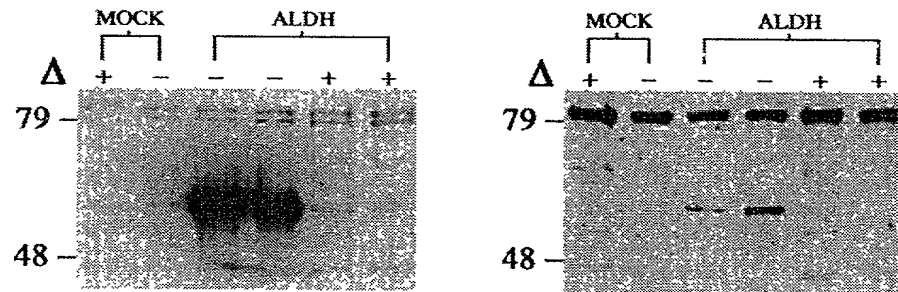
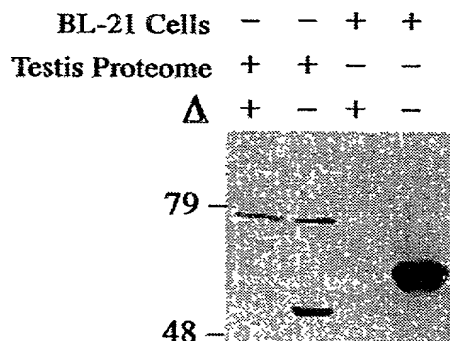
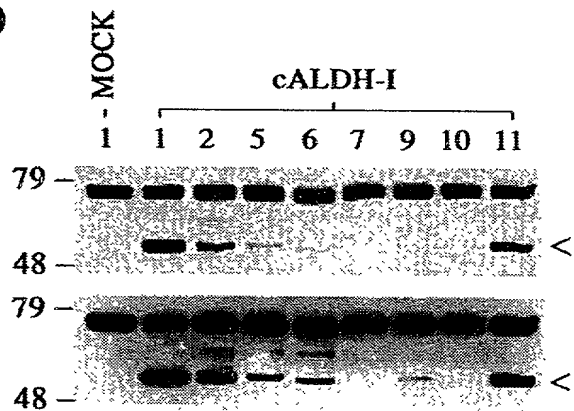
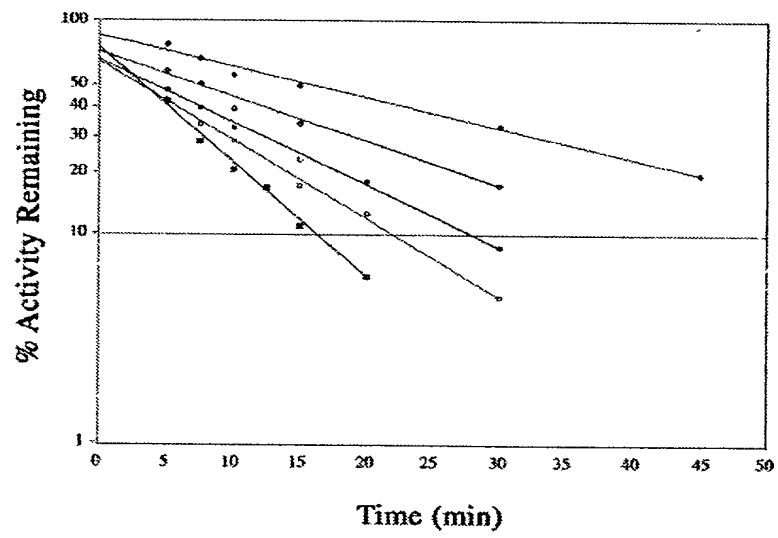
A**B****C****D**

FIGURE 13

A



B

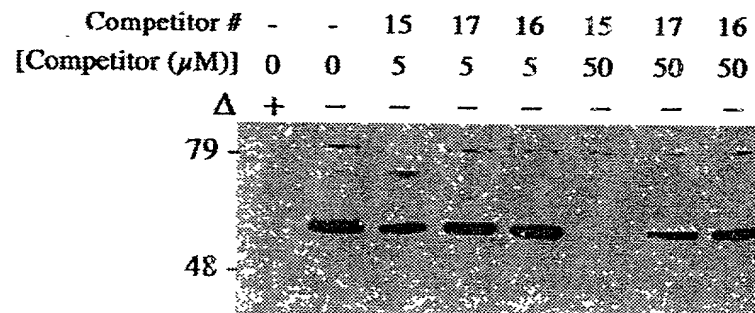


FIGURE 14

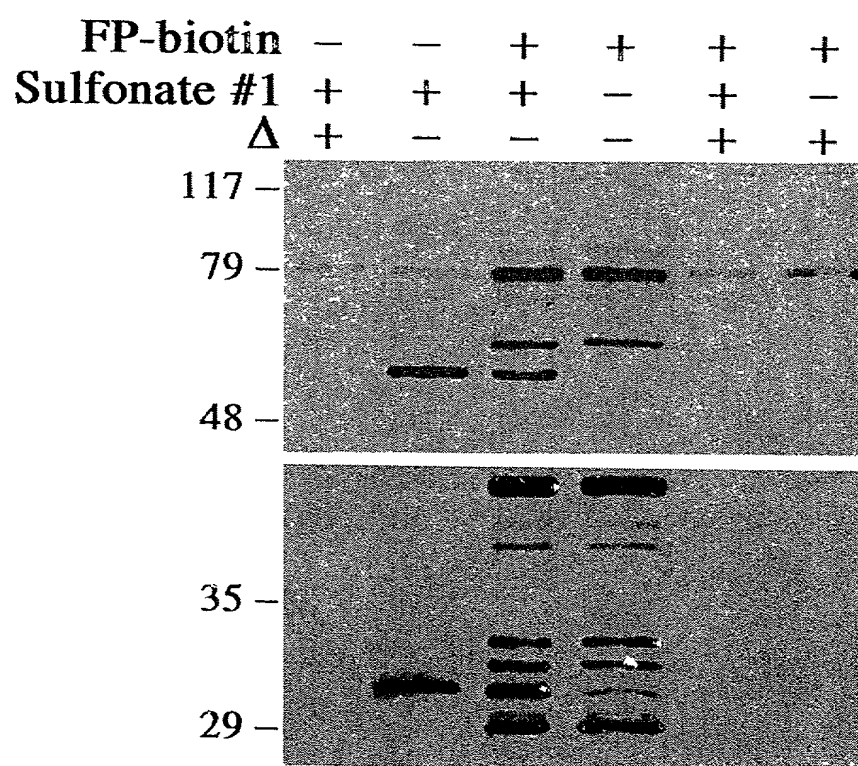


FIGURE 15

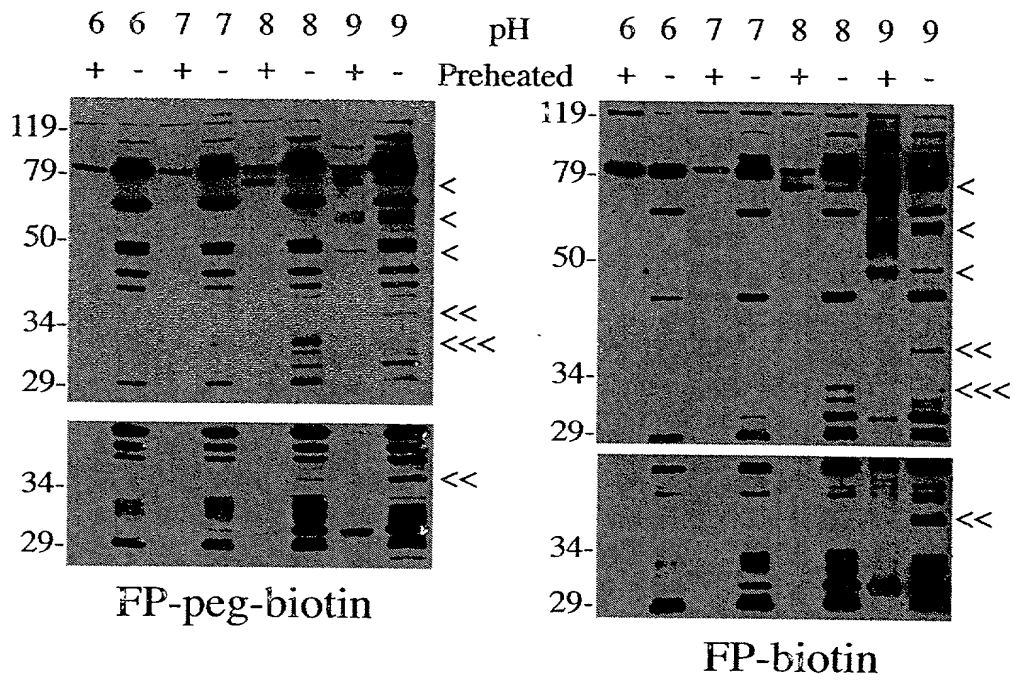


FIGURE 16

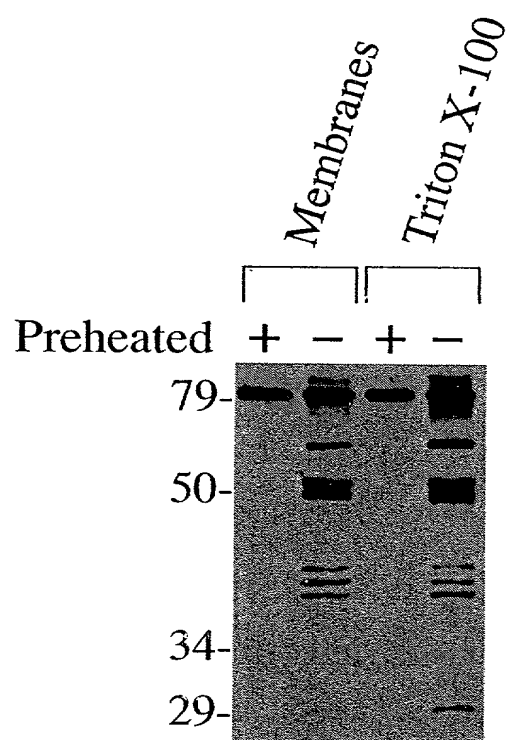


FIGURE 17

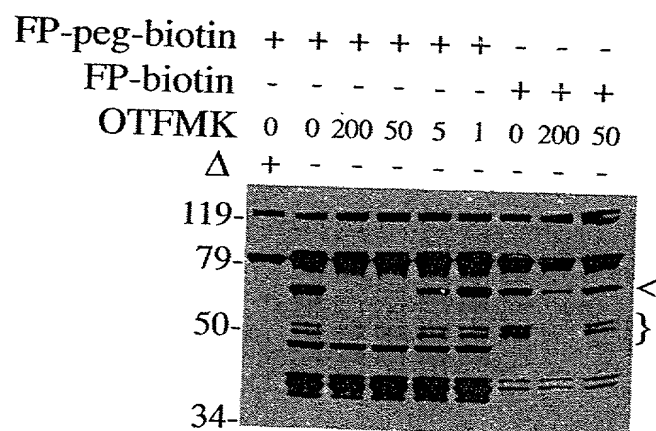


FIGURE 18

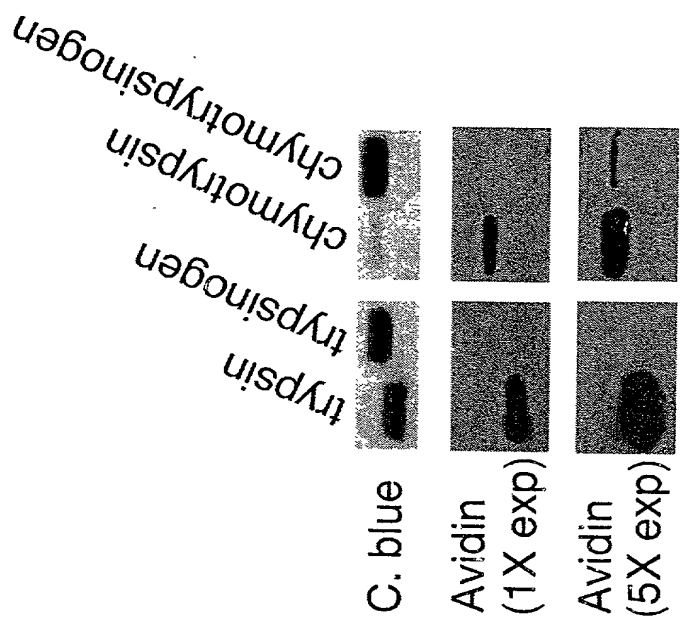
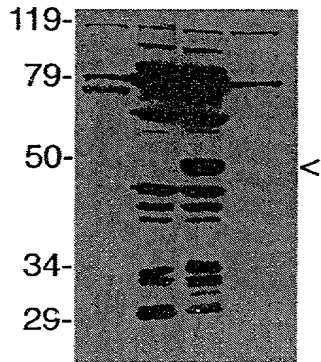


FIGURE 19

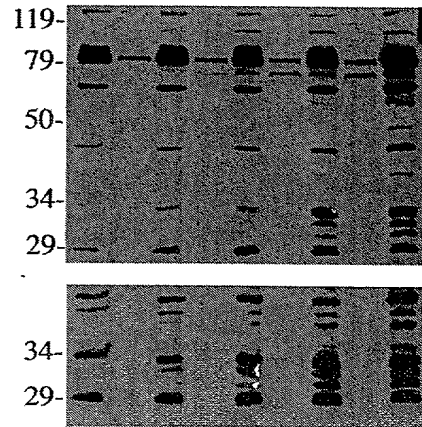
A.

FP-peg-biotin	-	-	+	+
FP-biotin	+	+	-	-
Preheated	+	-	-	+



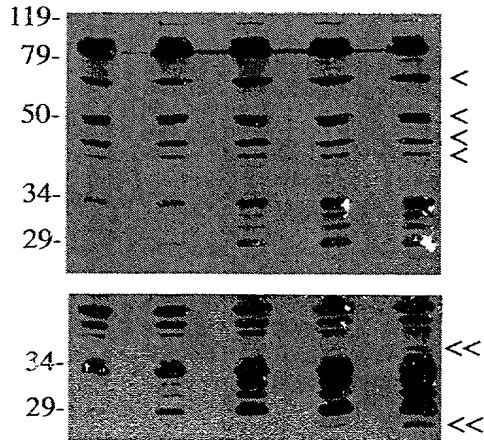
B.

FP-biotin (μ M)	0.5	1	1	2	2	4	4	8	8
Preheated	-	+	-	+	-	+	-	+	-



C.

FP-peg-biotin (μ M)	0.5	1	1	2	2	4	4	8	8
Preheated	-	+	-	+	-	+	-	+	-



D.

FP-peg-biotin (μ M)	1	2	8
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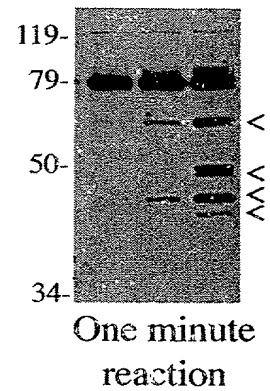


FIGURE 20

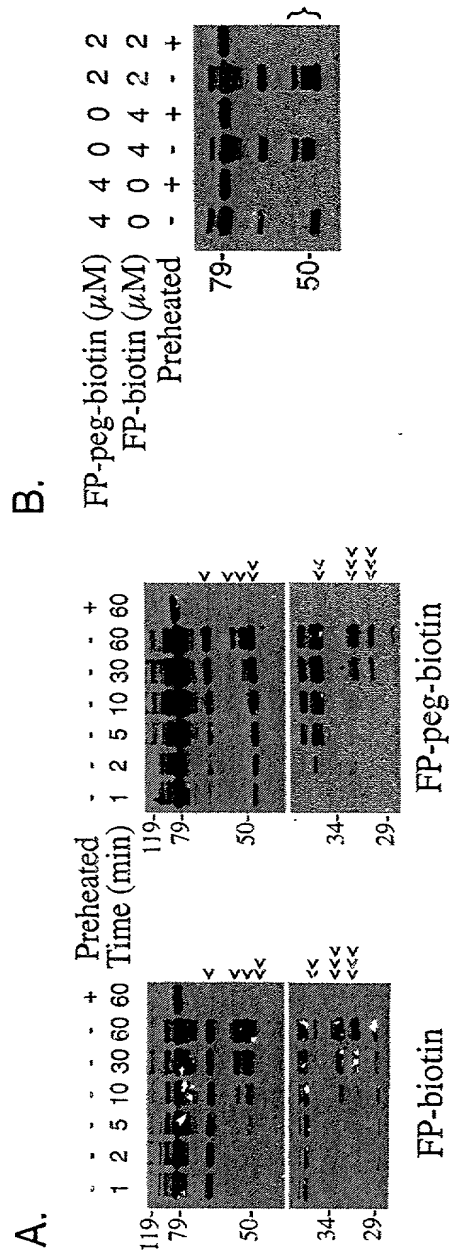


FIGURE 21

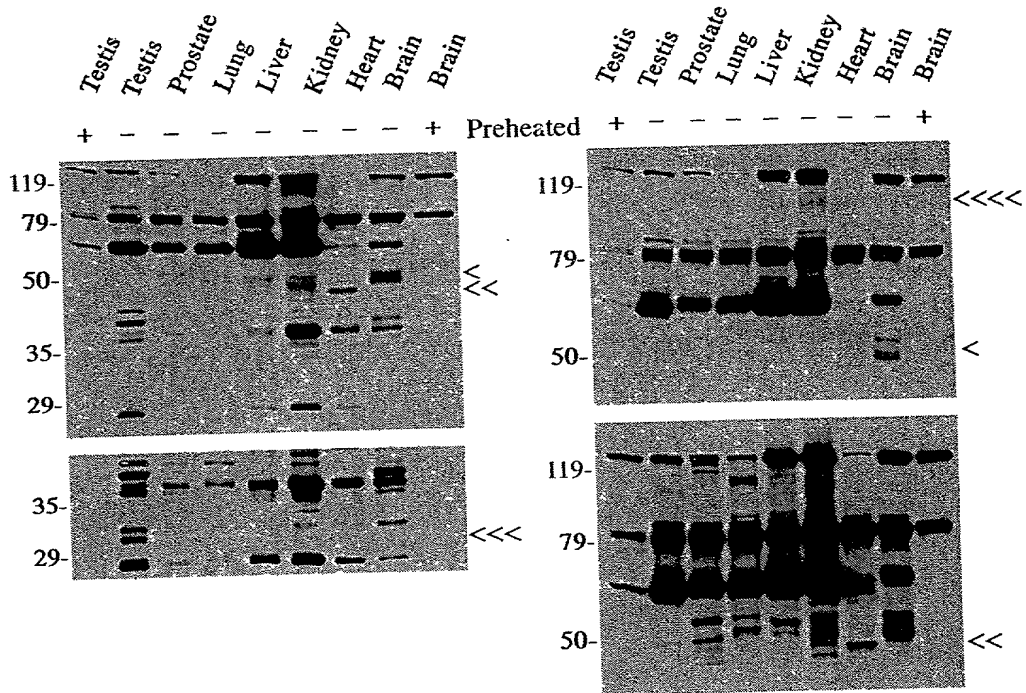


FIGURE 22

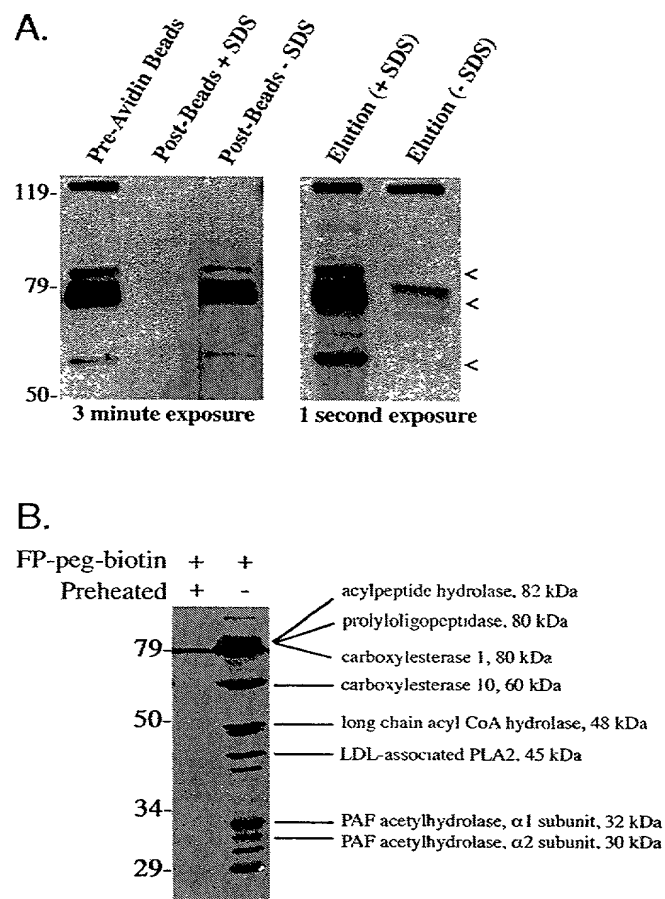


FIGURE 23